

Claims:

- 1 1. A method comprising:
2 in an operating system, checking a digital versatile disc (DVD) for
3 resource indications and indications of their associated address regions;
4 while playing a DVD, in the operating system, examining the addresses of
5 the requested DVD data for addresses associated with one of the resource
6 indications; and
7 if the association is found, in the operating system, starting an application
8 program and providing the one of the resource indications to the application
9 program to obtain a resource.
- 1 2. The method of claim 1 wherein the starting and providing steps are not
2 done under the control of DVD player software.
- 1 3. The method of Claim 1 wherein the operating system includes an
2 operating system extension.
- 1 4. The method of Claim 3 wherein the operating system extension
2 software is provided on a digital versatile disc for loading onto the computer.
- 1 5. The method of Claim 1 wherein the steps are implemented on the
2 computer.
- 1 6. The method of Claim 1 wherein the resource indications are
2 Uniform Resource Locators (URLs).
- 1 7. The method of Claim 1 wherein the indication of the address region
2 is a DVD menu or video indication from which the address region is determined.

1 8. The method of Claim 1 wherein the resource indication is a file
2 indication.

1 9. The method of Claim 1 wherein the operating system produces a
2 buffer of addresses requested from DVD player hardware and the operating
3 system examines the buffer for addresses corresponding to a resource indication.

1 10. The method of Claim 1 wherein the addresses are sectors on the
2 DVD.

1 11. A system comprising:
2 a digital versatile disc (DVD) player adapted to read a DVD disc;
3 an operating system adapted to check the DVD disc for resource
4 indications and indications of associated address regions and adapted to examine
5 the addresses requested from the DVD player for addresses associated with one of
6 the resource indications, the operating system is further adapted, if the association
7 is found, to start an application program and to provide the one of the resource
8 indications to the application program to obtain a resource.

1 12. The system of claim 11, wherein the starting and resource-
2 indication providing are not done under the control of DVD player software.

1 13. The system of Claim 11 wherein the operating system includes an
2 operating system extension.

1 14. The system of Claim 13 wherein the operating system extension is
2 loaded from a DVD.

1 15. The system of Claim 11 wherein the system is implemented on a
2 computer.

1 16. The system of Claim 11 wherein the resource indications are
2 Uniform Resource Locators.

1 17. The system of claim 11 wherein the indication of the address region
2 or video is a DVD menu indication from which the address region is determined.

1 18. The system of Claim 11 wherein the resource indication is a file
2 indication.

1 19. The system of Claim 11 wherein a buffer of addresses is produced
2 by the operating system.

1 20. A computer-readable medium containing a program which executes
2 the following procedure:
3 checking a digital versatile disc (DVD) for resource indications and
4 indications of associated address regions;
5 while playing a DVD in a DVD player, in the operating system, examining
6 the requested DVD addresses for addresses associated with one of the resource
7 indications; and
8 if the association is found, in the operating system, starting an application
9 program and providing the one of the resource indications to the application
10 program to obtain a resource.

1 21. The computer readable medium of claim 18, wherein the starting and
2 resource indication providing steps are not done under the control of DVD player
3 software.

1 22. The computer-readable medium of Claim 20 wherein the operating
2 system includes an operating system extension.

1 23. The computer-readable medium of Claim 20 wherein the operating
2 system extension is loaded from the DVD.

1 24. The computer-readable medium of Claim 20 wherein the resource
2 indication is a URL.

1 25. The computer-readable medium of Claim 20 wherein the indications
2 of address regions are DVD menu or video indications from which the address
3 regions are determined.

1 26. The computer-readable medium of Claim 20 wherein the resource
2 indication comprises a file indication.

1 27. The computer-readable medium of Claim 20 wherein the operating
2 system creates a buffer of addresses.

1 28. An apparatus comprising:
2 means for a reading a digital versatile disc (DVD),
3 operating system means for checking the DVD disc for resource
4 indications and indication of associated address regions, and for examining the
5 DVD addresses requested from reading means to find addresses associated with
6 one of the resource indications, and for, if the association is found, starting an
7 application program and providing the one of the resource indications to the
8 application program to obtain a resource.

1 29. The apparatus of claim 28, wherein the starting and resource-
2 indication providing are not done under the control of DVD player software.

1 30. The apparatus of Claim 28 wherein the operating system includes
2 operating system includes an operating system extension.

1 31. The apparatus of Claim 28 wherein the operating system extension
2 is loaded from a DVD.

1 32. The apparatus of Claim 28 wherein the apparatus comprises a
2 computer.

1 33. The apparatus of Claim 28 wherein the resource indications
2 comprise URLs.

1 34. The apparatus of Claim 28 wherein the indications of address
2 regions are DVD menu or video indications from which the address regions are
3 determined.

1 35. The apparatus of Claim 28 wherein the resource indication
2 comprises a file indication.

1 36. The apparatus of Claim 28 wherein the operating system uses a
2 buffer of addresses produced by the operating system.

1 37. The apparatus of Claim 28 wherein the reading means comprises
2 DVD player hardware.